



**Certificate of Analysis**  
Compliance Test

Client Information:

**HILO BOTANICALS**  
374 Kinoole street  
Hilo, Hawaii 96720

Batch # 860012590506  
Batch Date: 2024-07-05  
Extracted From: hemp

Test Reg State: Florida

Production Facility: Hilo Botanicals, Hilo Hawaii  
Production Date: 2024-07-01

Order # HIL240918-120001  
Order Date: 2024-09-18  
Sample # AAFZ020

Sampling Date: 2024-09-20  
Lab Batch Date: 2024-09-20  
Completion Date: 2024-09-23

Initial Gross Weight: 118.590 g

Number of Units: 1  
Net Weight per Unit: 60000.000 mg



Product Image



**Potency 10**  
Specimen Weight: 507.680 mg

**Tested**

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	50.000	5.40E-5	0.015	50.780	5.078
CBDV	50.000	6.50E-5	0.015	0.390	0.039
CBN	50.000	1.40E-5	0.015	0.190	0.019
CBC	50.000	1.80E-5	0.015	<LOQ	<LOQ
CBDA	50.000	1.00E-5	0.015	<LOQ	<LOQ
CBG	50.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	50.000	8.00E-5	0.015	<LOQ	<LOQ
Delta-9 THC	50.000	1.30E-5	0.015	<LOQ	<LOQ
THCA-A	50.000	3.20E-5	0.015	<LOQ	<LOQ
THCV	50.000	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD	50.000			50.780	5.078
Total Active THC	50.000			<LOQ	<LOQ

**Potency Summary**

Total Active THC None Detected	Total Active CBD 5.078% 3,046.800 mg
Total CBG None Detected	Total CBN 0.019% 11.400 mg
Total Cannabinoids 5.136% 3,081.600 mg	

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.867), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = THC + (THCVA \* 0.87), CBG Total = (CBGA \* 0.878) + CBG, CBN Total = (CBNA \* 0.876) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Sample not received via laboratory sampling. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Sample not received via laboratory sampling.

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